| PATENT | APPLIC | ATION | SERIAL | N() |
|--------|--------|-------|--------|-----|
|        |        |       |        |     |

## U.S: DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

## 03/31/2004 HDEMESS1 00000036 10812075

770.00 QP 1800.00 QP 290.00 QP

Repln. Ref: 03/31/2004 HDEMESS1 0010572300 DRB:194880 Name/Humber:10812075 FC: 9204 \$36.00 CR

06/10/2004 HMOHAMM1 00000001 194880 10812075

01 FC:1202

36.00 DA

PTO-1556 (5/87)

## PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003

Application or Docket Number

10019070

|  | Enective October 1, 2003   |                          |  |  |                                  |                                  |                     | 108/2075               |          |                    |                     |  |  |  |  |
|--|--|--------------------------|--|--|----------------------------------|----------------------------------|---------------------|------------------------|----------|--------------------|---------------------|--|--|--|--|
|  | ŀ  | CLAIMS AS FILED - PART I |  |  |                                  |                                  |                     | $2/\rho$               | 201      | 3                  |                     |  |  |  |  |
|  |  | TOTAL CLAIMS             |  |  | (Column 1) (Column 2)            |                                  | TYPE                | LENTITY                | Ol       | OTH<br>SMAL        | ER THAN<br>L ENTITY |  |  |  |  |
|  | II   | FOR                      |  | -  | Alluna                           |                                  | RAT                 | E FEE                  |          | RATE               |                     |  |  |  |  |
|  | TOTAL CHARGEABLE CLAIMS  |                          |  |  | NUMBER FILED NUMBER EXTRA        |                                  |                     | FEE 385.0              | O OF     | BASIC F            |                     |  |  |  |  |
|  | INDEPENDENT CLAIMS   |                          |  |  | 122 minus 20= * 102              |                                  |                     | =                      |          | X\$18=             |                     |  |  |  |  |
| ı  | _  |                          |  | 1  | / minus 3 = *                    |                                  | X43=                |                        | OR       | <b> </b>           | 1836                |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM PRESENT   |  |                          |  |  |                                  | 7 🗇                              | 1 / ^               |                        | OR       | X86=               | 1                   |  |  |  |  |
| ı  | * If the difference in column 1 is less than zero, enter "0" in column 2 |                          |  |  |                                  |                                  | +145=               | :                      | OR       | +290=              | 1 1                 |  |  |  |  |
| - [  |  |                          | CI AIMS A                                  | C AMEND  |                                  | 11 column 2                      | TOTAL               |                        | OR       | TOTAL              | 2896                |  |  |  |  |
| I.   | CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Oct                   |                          |  |  |                                  |                                  |                     | OTHER THAN             |          |                    |                     |  |  |  |  |
| II   | 4  |                          | CLAIMS<br>REMAININ                         |  | (Column 2)<br>HIGHEST            | (Column 3                        | SMALL               | ENTITY                 | OR       | SMALL              | ENTITY              |  |  |  |  |
|  | AMENDMENT  | Total                    | AFTER<br>AMENDMEN                          | п  | NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA                 | RATE                | ADDI-<br>TIONAL<br>FEE |          | RATE               | ADDI-<br>TIONAL     |  |  |  |  |
|  |  | Independen               | nt *                                       | Minus  | **                               | =                                | X\$ 9=              |                        |          | X\$18=             | FEE                 |  |  |  |  |
| :  | ₹  | L                        |  | Minus  | ***                              | =                                | X43=                | <del> </del>           | OR       |                    |                     |  |  |  |  |
| -  |  |                          | OEMANION OF                                | MOLTIPLE   | DEPENDENT CLAIR                  | M 🔲                              | 7.43=               | <del> </del>           | OR       | X86=               |                     |  |  |  |  |
|  |  |                          |  |  | -                                |                                  | +145=               |                        | OR       | +290=              |                     |  |  |  |  |
|  |  |                          | (Column 1)                                 |  |                                  |                                  | TOTAL<br>ADDIT. FEE |                        | OR A     | TOTAL<br>DDIT. FEE |                     |  |  |  |  |
|  | $\int$   |                          | CLAIMS                                     |  | (Column 2)<br>HIGHEST            | (Column 3)                       |                     |                        |          |                    |                     |  |  |  |  |
| AMENDMENT  |  | T- 4 4                   | REMAINING<br>AFTER<br>AMENDMENT            | l  | NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA                 | RATE                | ADDI-<br>TIONAL        | - [      | RATE               | ADDI-<br>TIONAL     |  |  |  |  |
|  | <i>\</i>   | Total                    | *  | Minus  | **                               | = -                              | X\$ 9=              | FEE                    | }        |                    | FEE                 |  |  |  |  |
| ₹  | Į.   | Independent              | *  | Minus  | ***                              | =                                |                     |                        | OR       | X\$18=             |                     |  |  |  |  |
| -  | Ľ  | MOT PHES                 | ENTATION OF M                              | IULTIPLE DE  | PENDENT CLAIM                    |                                  | X43=                | (                      | OR       | X86=               |                     |  |  |  |  |
|  |  |                          |  |  |                                  |                                  | +145=               |                        | OR .     | 290=               |                     |  |  |  |  |
|  |  |                          |  | •  |                                  |                                  | TOTAL<br>ADDIT. FEE |                        | ــا<br>م | TOTAL              |                     |  |  |  |  |
|  | 7  |                          | (Column 1)<br>CLAIMS                       |  | (Column 2)                       | (Column 3)                       | ADDIT. FEE L        | ``                     | '' AD    | DIT. FEE           |                     |  |  |  |  |
|  |  | •                        | REMAINING<br>AFTER                         |  | HIGHEST<br>NUMBER                | PRESENT                          |                     | ADDI-                  | <u></u>  |                    |                     |  |  |  |  |
| ME   |  | · ·                      | AMENDMENT                                  |  | PREVIOUSLY<br>PAID FOR           | EXTRA                            |                     | TONAL                  |          | RATE               | ADDI-<br>TIONAL     |  |  |  |  |
| 2  | _  | otal                     | *  | Minus  | ##                               | = .                              | <del></del>         | FEE                    | -        |                    | FEE                 |  |  |  |  |
| <i>구</i>   |  | dependent                | *  | Minus  | ***                              | =                                | X\$ 9=              | 0                      | R X      | \$18=              |                     |  |  |  |  |
|  | FII  | RST PRESE                | NTATION OF MU                              | LTIPLE DEP   | ENDENT CLAIM                     |                                  | X43=                | o                      | R >      | (86≂               |                     |  |  |  |  |
| • ##   | the  | entry in colum           | an dilmitari in                            | +145=  |                                  |                                  |                     |                        |          |                    |                     |  |  |  |  |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 and the state of the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 and the state of the s |  |                          |  |  |                                  |                                  |                     |                        |          |                    |                     |  |  |  |  |
| Th   | ie '   | Highest Numb             | iber Previously Pai<br>Per Previously Paid | d For" IN THIS   | SPACE is less than               | 20, enter "20."<br>3, enter "3." |                     | OF                     | ADDI     | TOTAL<br>T. FEE    |                     |  |  |  |  |
|  |  |                          |  | The "Highest Number Previously Paid For" (Notal or Independent) is the highest number found in the appropriate box in column 1 |                                  |                                  |                     |                        |          |                    |                     |  |  |  |  |